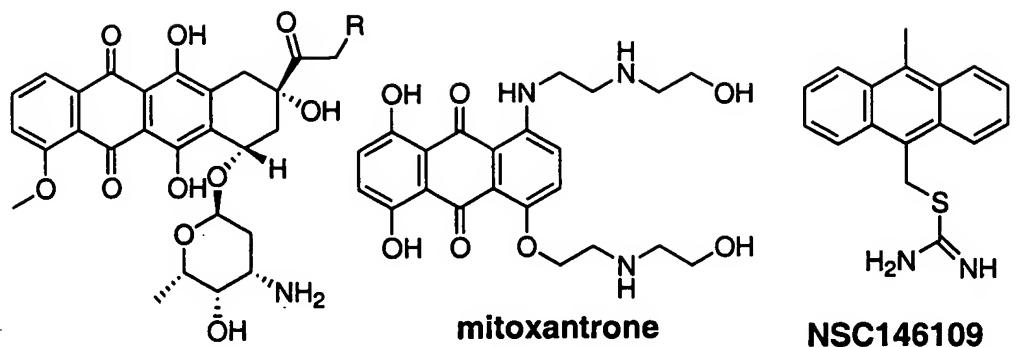


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Figure 1



R= H, daunorubicin
R = OH, doxorubicin

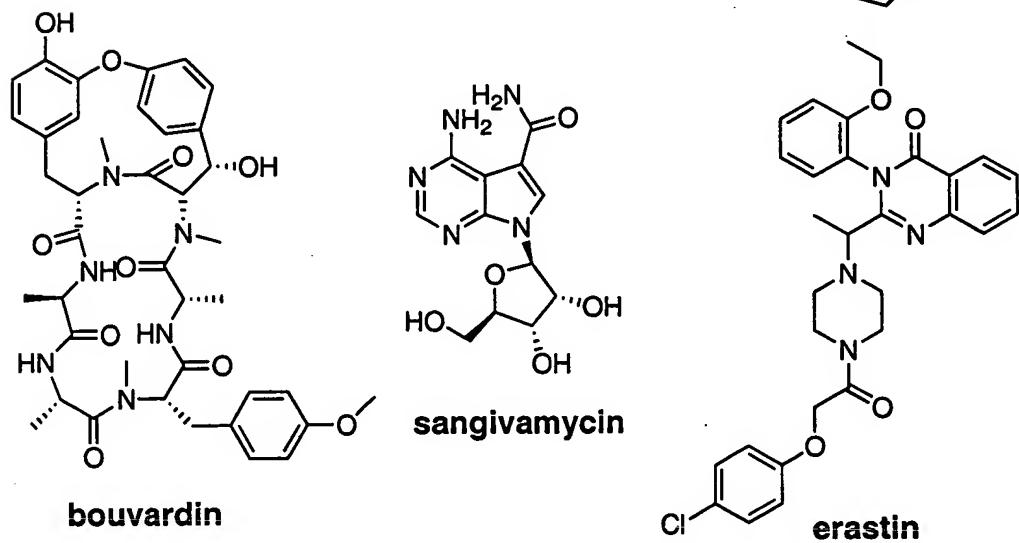
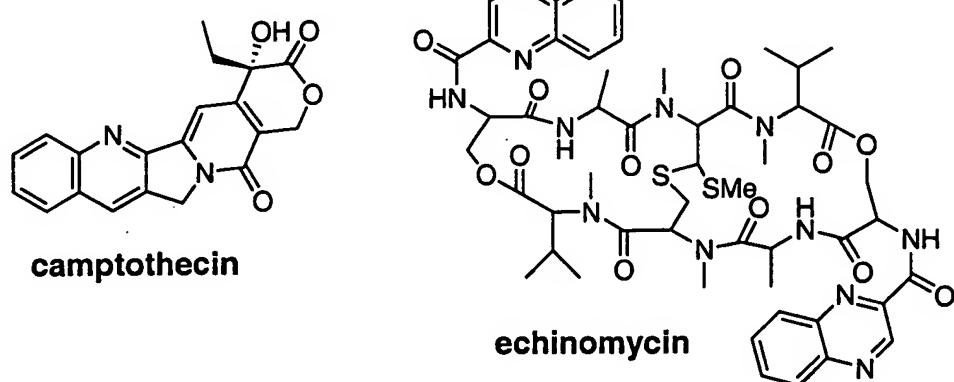


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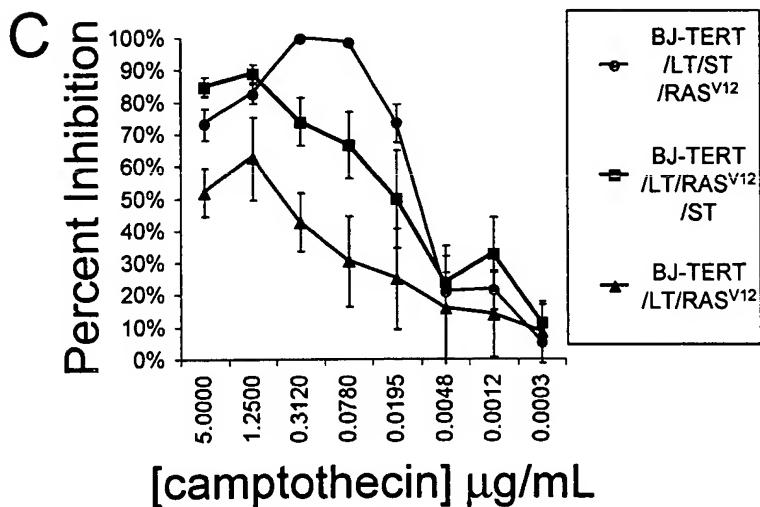
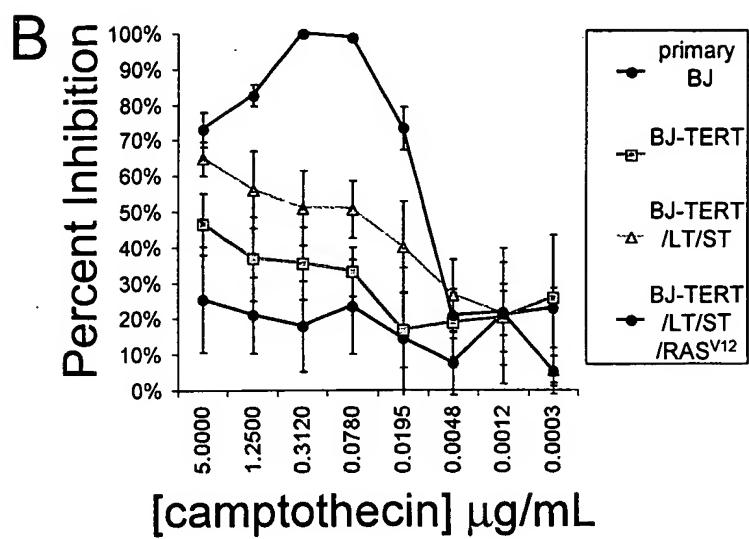
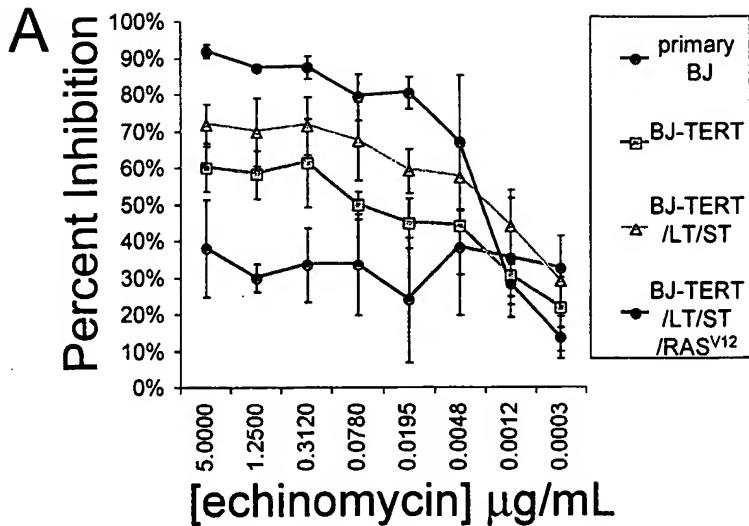


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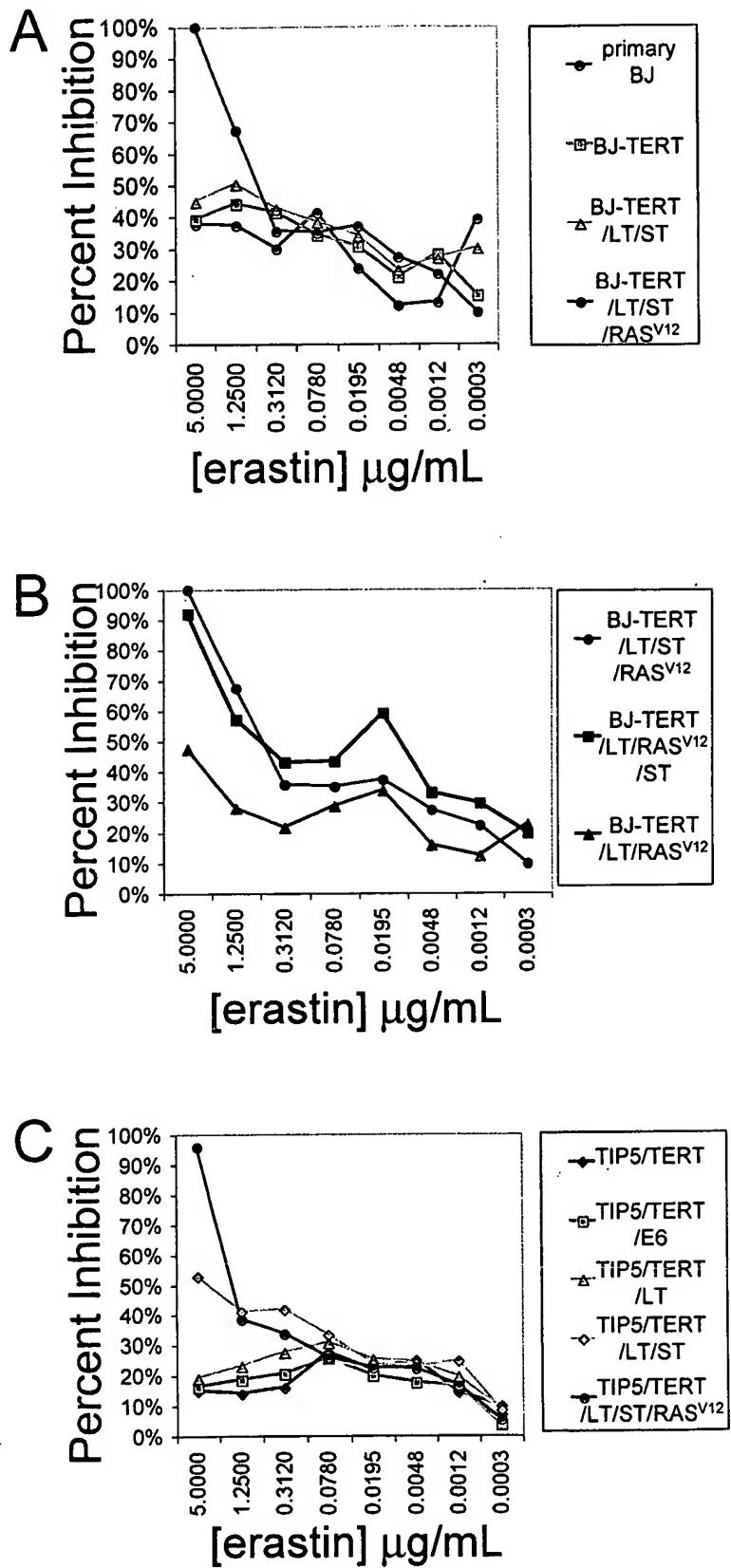


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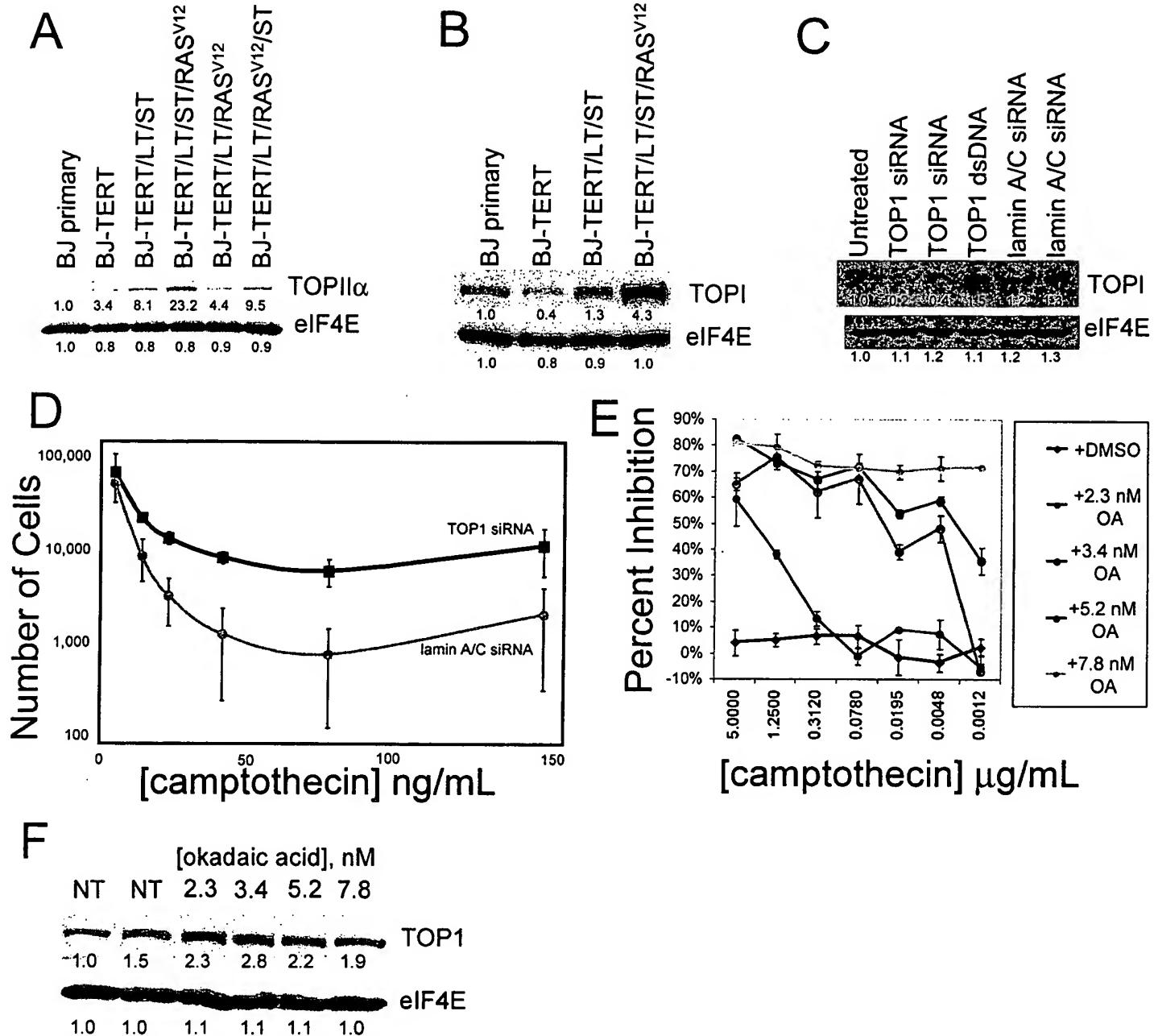


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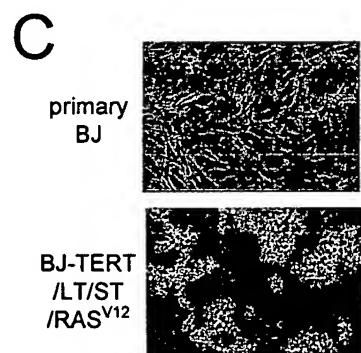
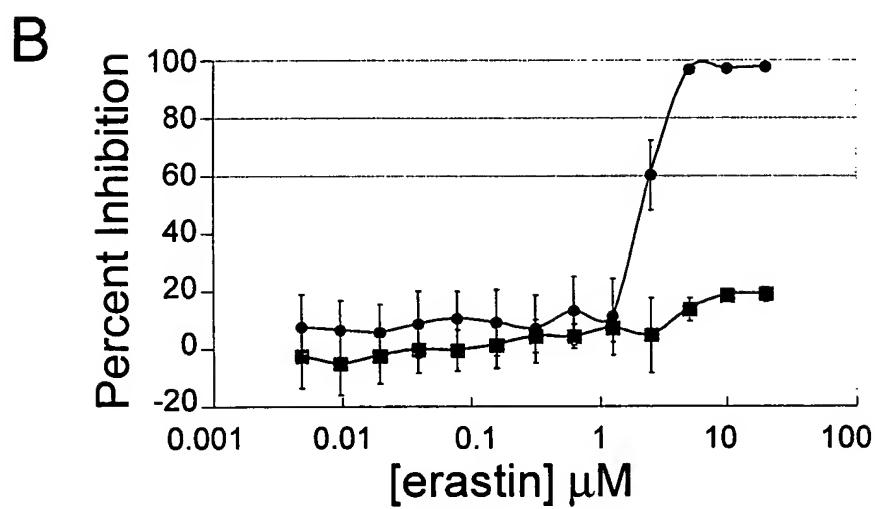
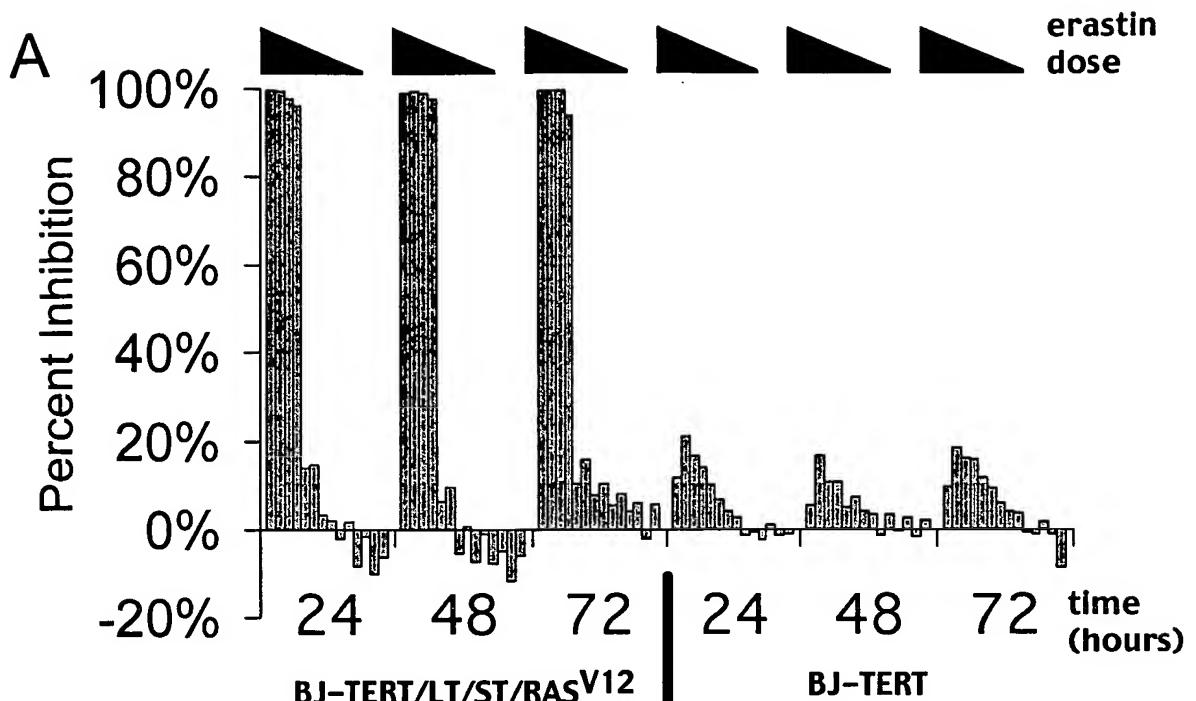


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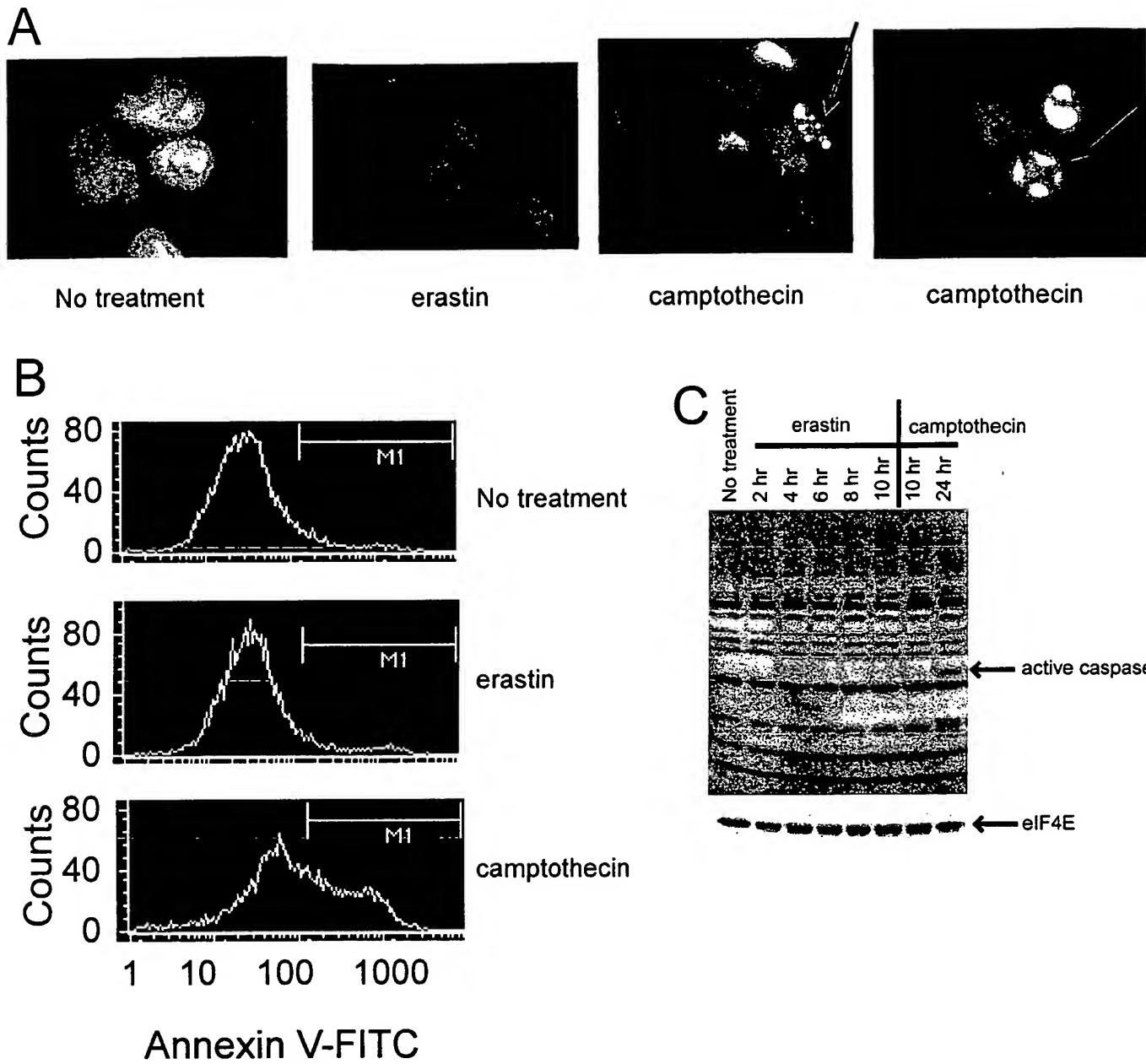


Figure 7

Structure Activity Relationship for Erastin

- Tested 135 analogs of erastin for activity and selectivity (tumor vs. normal)
- 134 were inactive
- 1 was active and selective, but less potent than erastin

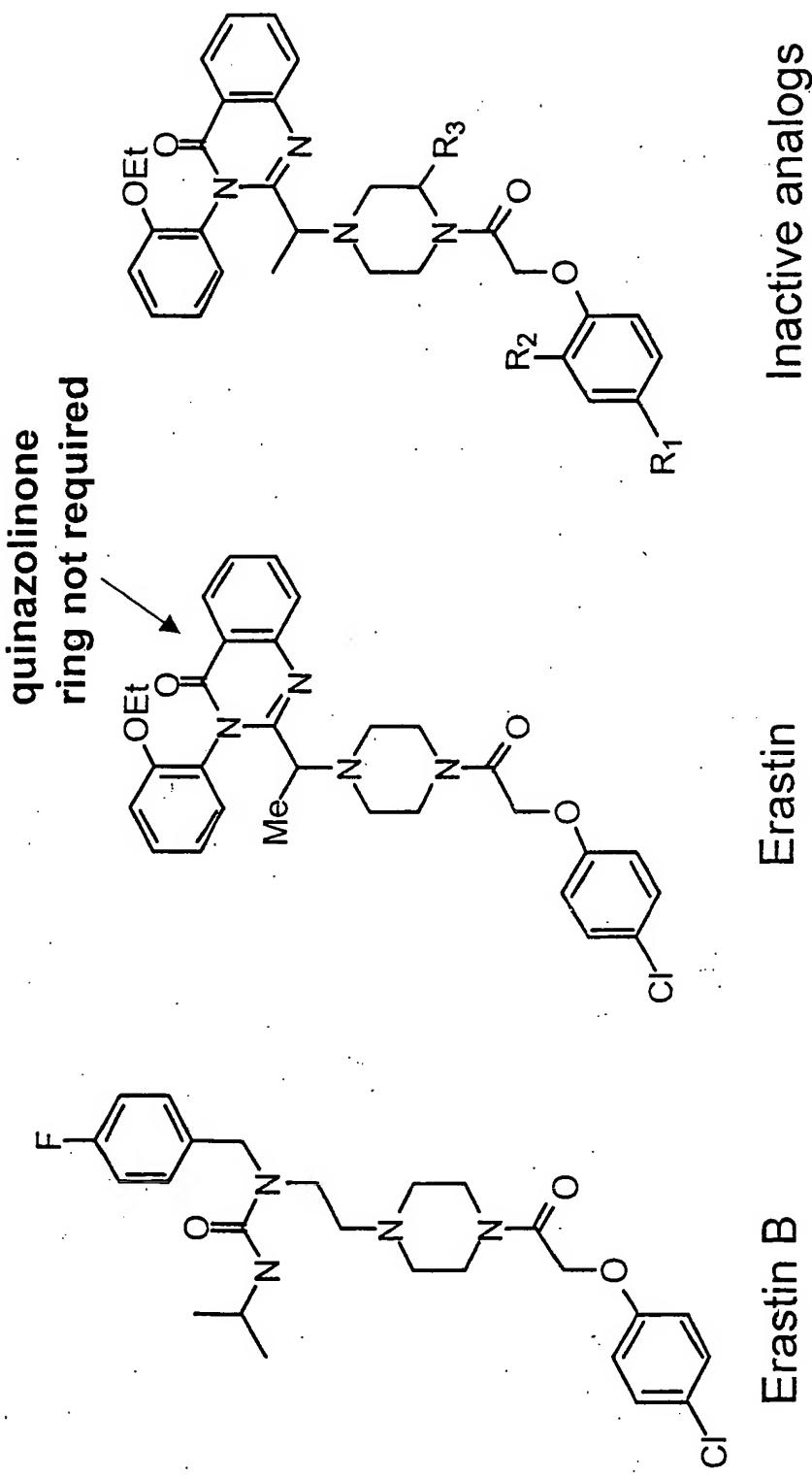


Figure 8

*Nuclei Are Intact in Erastin-treated
Tumor Cells*

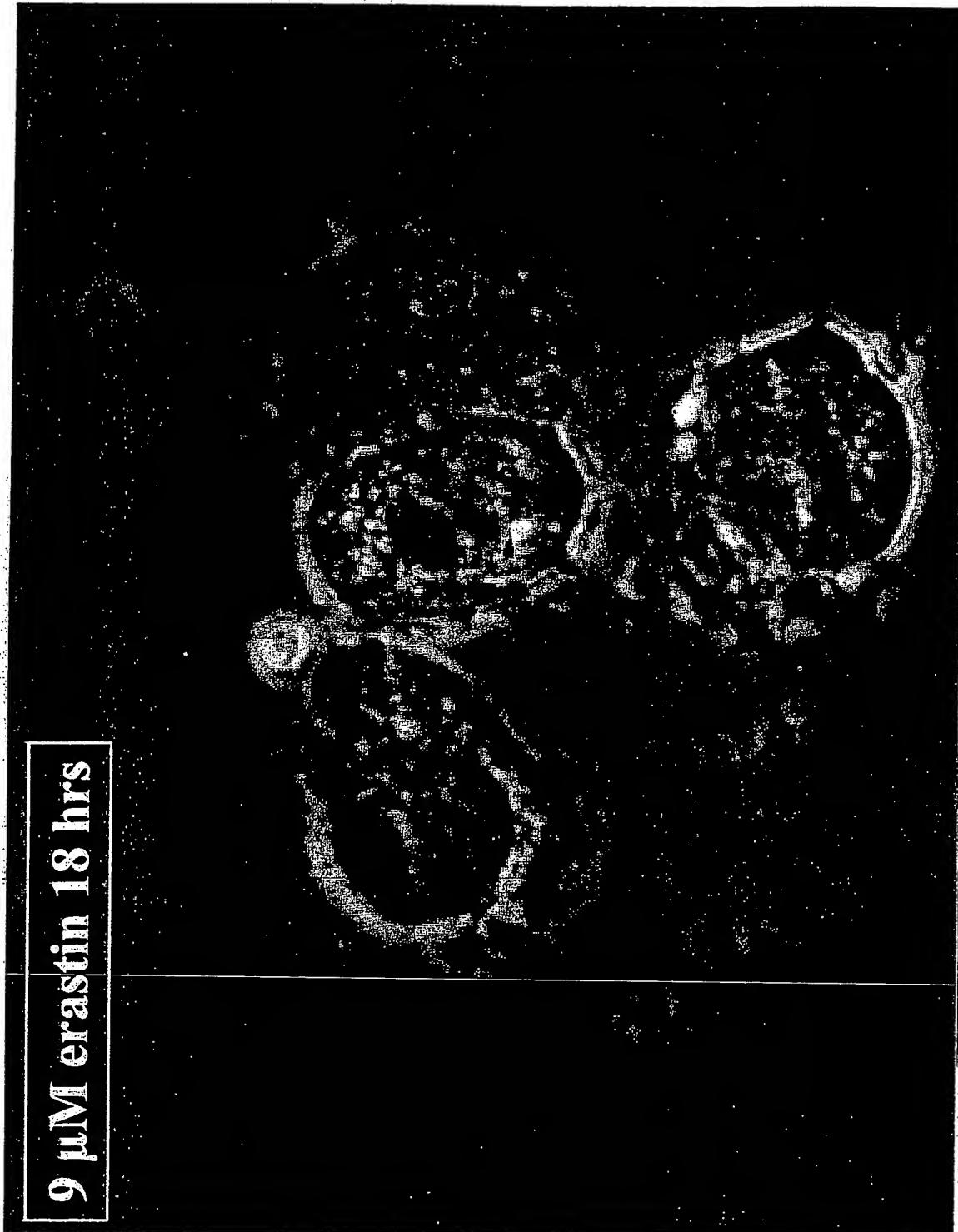
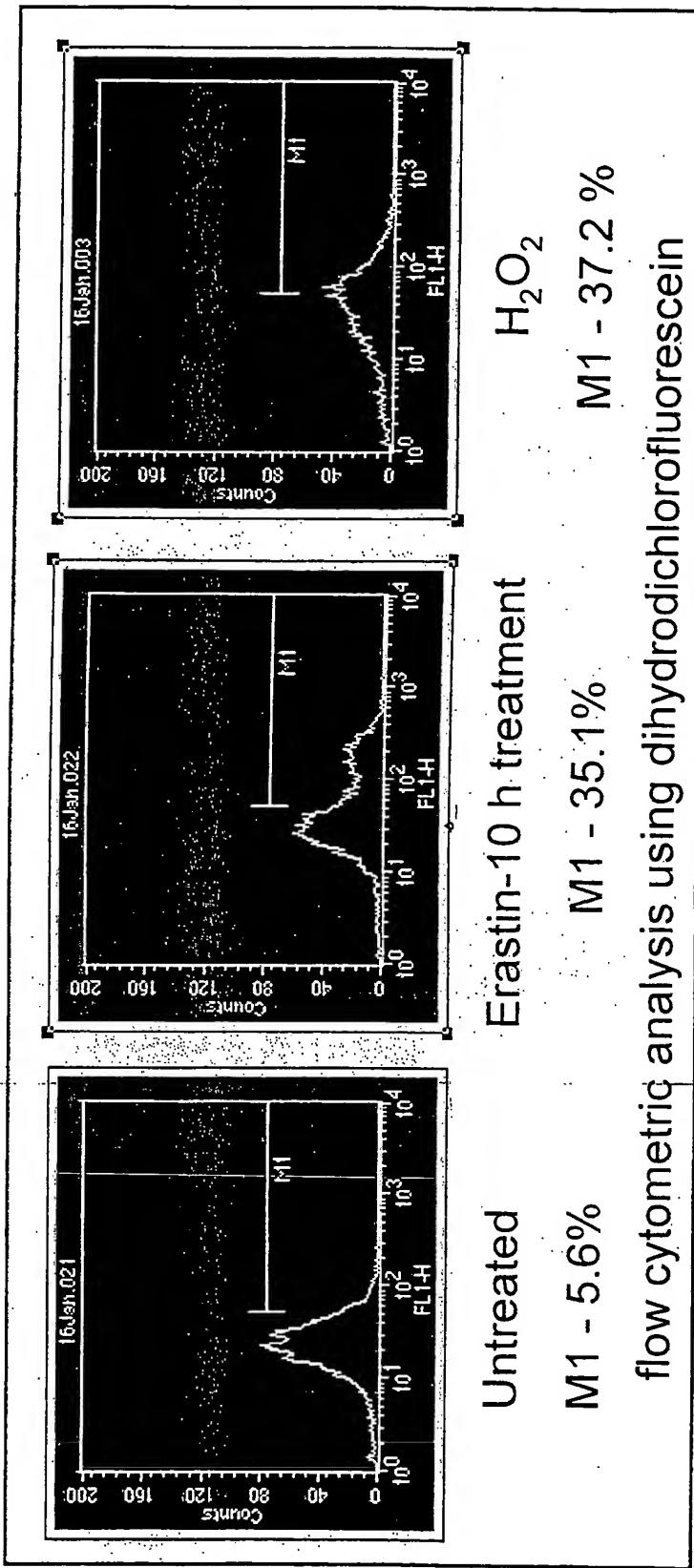
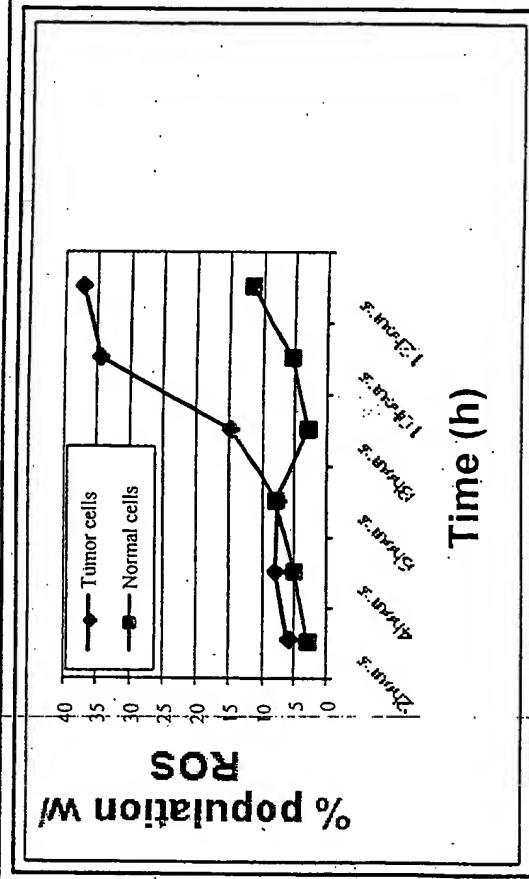


Figure 9

Erasatin Induces the Formation of Reactive Oxygen Species



flow cytometric analysis using dihydrolchlorofluorescein



Sonam Dolma

Figure 10

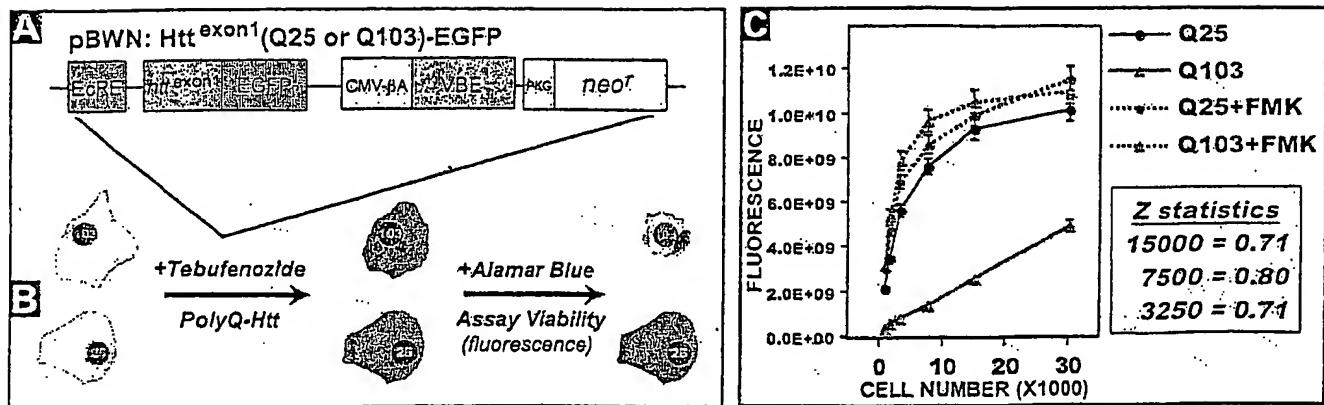


Figure 1 Modeling Htt-polyQ neurotoxicity in PC12 cells.

Figure 11

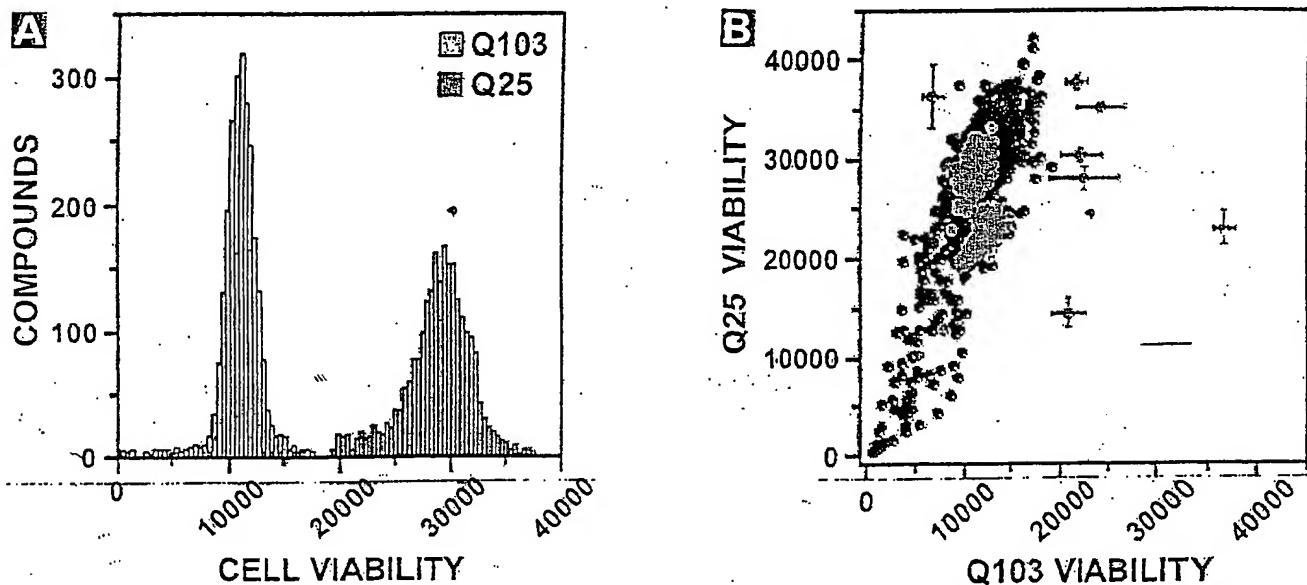


Figure 12

Figure 13. Effect of cell density on coefficient of variation (CV)

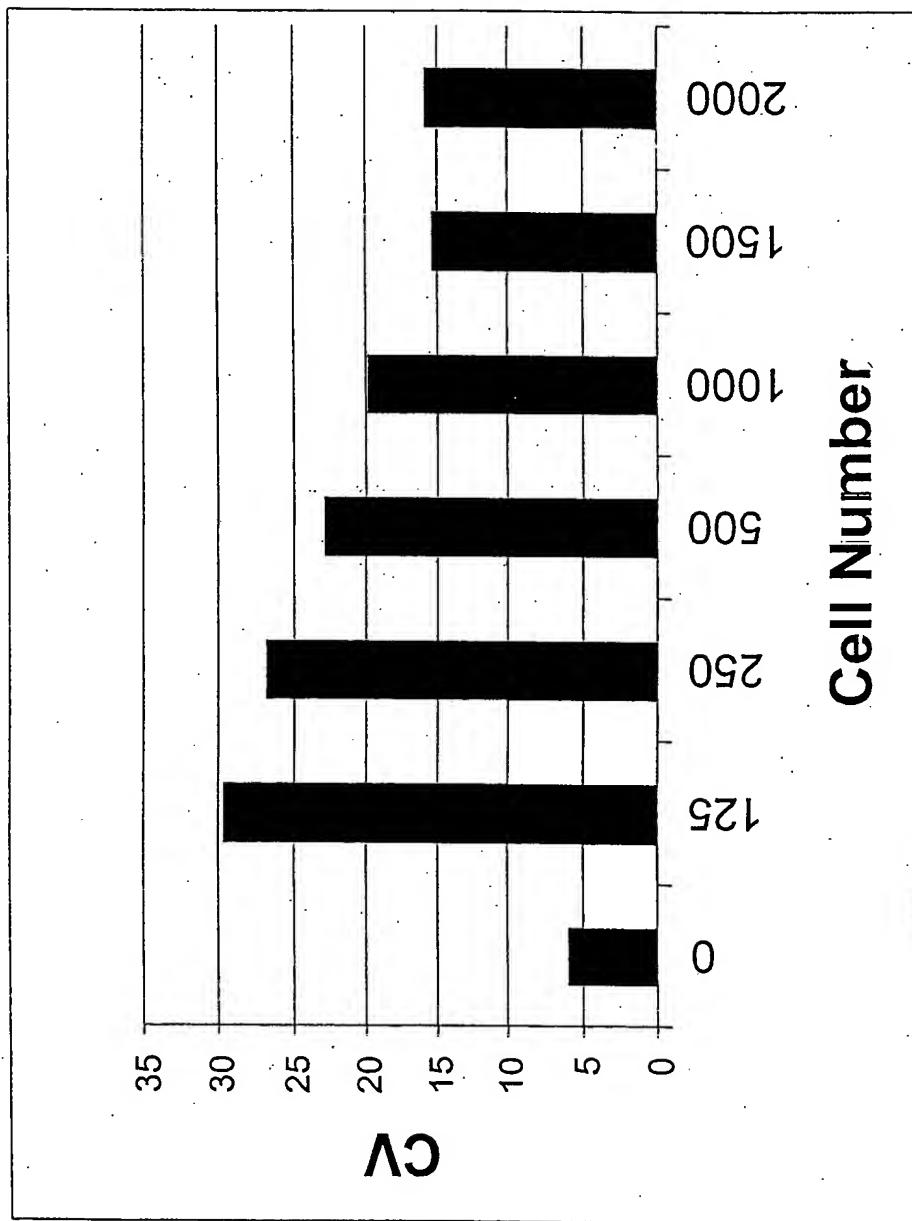


Figure 13

Figure 14. Dose-Response for Suppressor of Mutant Huntingtin-Induced Toxicity

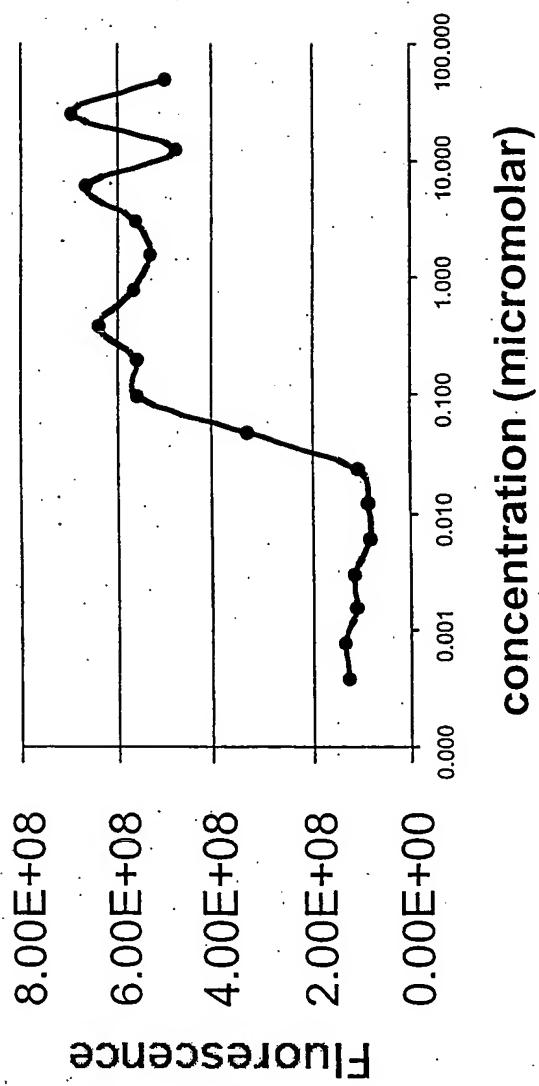


Figure 14

Tubulin Inhibitors Suppress Mutant Huntingtin-Induced Cell Death

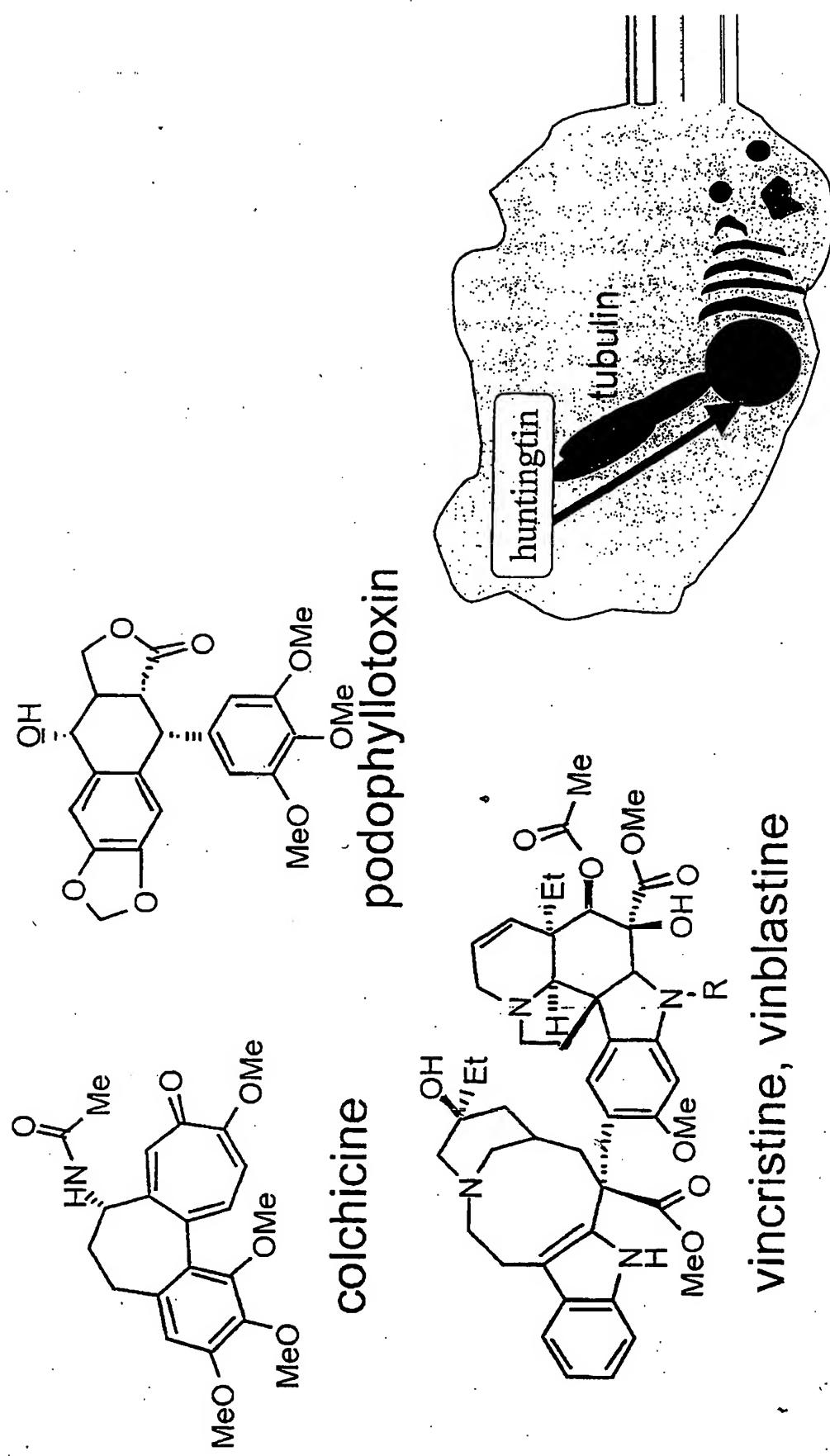


Figure 15

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